



KAPPA PRO 10

Nominal Basket Diameter	10", 254mm
Impedance	8 ohms
Power Rating	500Wrms
Resonance	46Hz
Usable Frequency Range	45Hz - 3kHz
Sensitivity	see chart on web
Magnet Weight	80oz.
Gap Height	0.375", 9.52mm
Voice Coil Diameter	3.0", 76.2mm

Mounting Information

Recommended Enclosure Volume (vented)	5.6 - 8.5 liters
Overall Diameter	0.2 - 0.3 cu. ft.
Baffle Hole Diameter	10.25", 260.4mm
Front Sealing Gasket	9.13", 231.8mm
Rear Sealing Gasket	<i>fitted as standard</i>
Mounting Holes Diameter	<i>fitted as standard</i>
Mounting Holes B.C.D.	0.275", 7mm
Depth	9.63", 244.5mm
Shipping Weight	4.33", 110mm
	16.8lbs., 7.6 kg.

Thiele-Small Parameters

Resonant Frequency (fs)	46Hz
Impedance (Re)	6.50 ohms
Coil Inductance (Le)	1.15mH
Electromagnetic Q (Qes)	0.20
Mechanical Q (Qms)	10.10
Total Q (Qts)	0.20
Compliance Equivalent Volume (Vas)	52.2 liters
Peak Diaphragm Displacement Volume (Vd)	1.84 cu. ft.
Mechanical Compliance of Suspension (Cms)	110cc
BL Product (BL)	0.31mm/N
Diaphragm Mass inc. Airlod (Mms)	18.8 T-M
Equiv. Resistance of Mechanical Suspension Loss (Rms)	38 grams
Efficiency Bandwidth Product (EBP)	1.10N*sec/M
Voice Coil Overhang (Xmax)	225
Surface Area of Cone (Sd)	3.2mm
Impedance at Resonance (Zmax)	344.9cm ²
Maximum Linear Excursion (Xmech)	280 ohms
	21.84mm

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Application Notes

Performance optimized for sound reinforcement systems. Also suitable for lead and bass guitar, keyboards, club music systems, and stage monitors.

Materials of Construction

- Kapton coil former for increased rigidity and thermal protection
- Polyamide-imide coated two-layer, 29ga., copper voice coil for improved power-handling and durability
- Ferrite Magnet
- Vented and extended core for increased power-handling
- Die-cast aluminum basket for rigidity
- Paper cone
- Cloth cone edge
- Solid composition paper dust cap

